Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-018

WORKING STANDARD USED						
Asset/ISO #: 25746	Manufacturer: ION	Model: 775	Serial No. 7626	Calibration Date: 6-18-07	Calibration Due: 6-18-08	Calibration By: JPL

AIR IONIZER INFORMATION						
Asset/ISO #: 26218	Manufacturer: SIMCO	Model: AEROSTAT PC	Serial No. 0130400336 78268	Verification Date: ~~1-30-08~~ 2-27-08 4.0	Verification Due: 7-30-08	Verification By: JPL 004
Inspector: BERJ ALOOJIAN	Location: 103/106K	Owner: PATRICK	Fail: Y/N ? N	Cleaned: Y/N ? N	Adjusted: Y/N ? N	Prior Sequence# N/A

VERIFICATION DATA

HBM Sensitivity Level: 50 (from Table 1)

Fan controller setting: HIGH (High, Low, NA)

Distance of ionizer from the charge plate: 24"

Ionizer Float Potential Tolerance ± 50 Vdc. (from Table 1)

Measured Float Potential values recorded below.

1	2	3	4	5	Comments:
0 Vdc.	0 Vdc.	0 Vdc.	0 Vdc.	0 Vdc.	

Ionizer Discharge Voltage Range: ± 1000 Vdc to < ± 50 Vdc (from Table 1)

Ionizer Discharge Time Tolerance: < 20 seconds. (from Table 1)

Measured Discharge Time in second(s) and recorded values below.

1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:
3.7 sec	4.5 sec	4.1 sec	3.8 sec	3.6 sec	
1 (-1000 to -Vdc)	2 (-1000 to -Vdc)	3 (-1000 to -Vdc)	4 (-1000 to -Vdc)	5 (-1000 to -Vdc)	Comments:
5.5 sec	6.4 sec	5.5 sec	5.6 sec	5.0 sec	

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.